Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

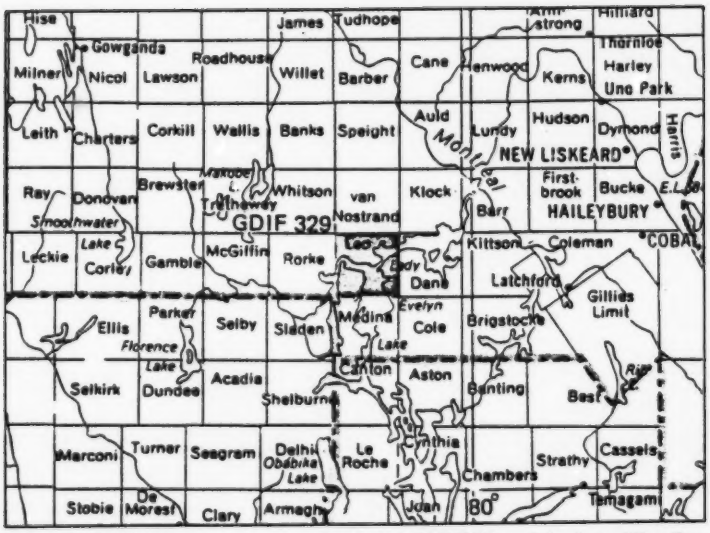
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 329

LEO TOWNSHIP

DISTRICT OF TIMISKAMING

Compiled by the staff of
the Resident Geologist's Office
Cobalt



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 41P/8

Mining Claim Map Number M-532

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1986: Leo Township, District of Timiskaming; Ontario Geological Survey, Geological Data Inventory Folio 329 , compiled by the Staff of the Resident Geologist's Office, Cobalt, 18 pages and 1 map.

Original Compilation by: Patricia Anderson, February 24, 1986.

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	No	D.P.A.
2	Assessment Files Research Office, Toronto	No	D.P.A.
3	ODM General Index; 7 volumes	Yes	D.P.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	D.P.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	D.P.A.
6	ODM Industrial Mineral Reports	No	D.P.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	D.P.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	D.P.A.
9	Newspaper Clippings File	No	D.P.A.
10	GSC Index to Publications	Yes	D.P.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	D.P.A.
12	OGS Index Maps	No	D.P.A.
13	Source Mineral Deposit Records (O.G.S.)	Yes	D.P.A.
14	Author - Subject Articles File	No	D.P.A.
15	Miscellaneous Papers: ODM & OGS	Yes	D.P.A.
16	ODM Geological Circulars: OGS Study Series	No	D.P.A.
17	ODM Preliminary Reports: ODM Bulletins	No	D.P.A.
18	ODM – OGS Open File Reports	Yes	D.P.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	D.P.A.
20	OGS Aggregate Resources Inventory Papers	N.A.	D.P.A.
21	OGS Mineral Potential Maps	No	D.P.A.
22	Theses on File, Cobalt	No	D.P.A.
23	Aerial Photographs on File, Toronto	Yes	D.P.A.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . .Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
△ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
▲ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (flurospar)
△ fu. . . . . .Fuchsite
△ gn. . . . . Galena
△ gt. . . . . Garnet
△ goe . . . . . .Goethite
△ Au . . . . . Gold
△ gf. . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . Gypsum
△ hem . . . . . Hematite
△ il . . . . . Ilmenite
△ Fe . . . . . .Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
△ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . .Magnesite
△ mag . . . . . .Magnetite
△ mc . . . . . Malachite
△ Mn . . . . . Manganese
△ mb . . . . . Marble
△ mar. . . . . Marcasite
△ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . Millerite
△ mo . . . . . Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
▲ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
△ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
△ po . . . . . .Pyrrhotite
△ q . . . . . Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . Silica
△ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . .Smaltite
△ sod . . . . . Sodalite
△ spec . . . . . Specularite
△ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . .Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
△ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
△ Zn . . . . . .Zinc
△ zr. . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or listed in Drillhole Summary.

LEO TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A.	Lady Evelyn Lake	Cu - major	T-0119		OGS, 1973, GR 106, p. 92 OGS, 1983, Map 2257
B.	Sucker Gut Lake	Cu - major Ni, Co - minor	T-0118		OGS, 1973, GR 106, p. 100, assay OGS, 1973, Map 2257

GDIF FORM NO. 1

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | |

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
	No data available as of February 24, 1986								

GDIF FORM NO. 3

LEO TOWNSHIP 6

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
	No data available as of February 24, 1986				

GDIF FORM NO. 4

LEO TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No data available as of February 24, 1986			

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No data available as of		February 24, 1986	

LANDSAT COLOUR PHOTO - NTS 31/M

LS	TR	FR	Date of Imagery	Band	Cycle/Day
2	20	27	13/10/81	C_1	136/10

on file in Cobalt office

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office Cobalt

No data available as of February 24, 1986

ODM GENERAL INDEX SEARCH

Words searched: Coag Lake
Lady Evelyn Lake
Lady Sydney Lake
Leo Township
Slade Lake
Sucker Gut Lake
Willow Island Lake

Index Volume	Listing:	Report Volume	Part	Page
1	Lady Evelyn Lake, Timiskaming Dist.			
	Cobalt near	* 16	1	56
	Copper	*R.C.[1]		24
		* 1		234
	Galena	* 9		198
	Argentiferous	*R.C.		29
		* 13	1	101
		* 16	2	67
		* 19	2	131
		* 25	2	15, 16
	Gold	*N.O.[2]		112
	Named by Bell	*N.O.		105
	Rocks	* 1		72, 73
		* 16	2	121
	Route from, to Shusawagaming Lake	*N.O.		86
	Silver near	* 16	1	56
	Trees	*N.O.		xvii, 92
2	Lady Evelyn Lake, Medina, Leo and Dane Twps.			
	Glacial drift	* 35	3	95
	Rocks	* 35	3	81, 101
	See also maps 35c with	* 35	3	
8	Lady Evelyn Lake,			
	Maple Mtn. Area, Timiskaming Dist.	GR 106		31, 33, 51, 97
	Lady Evelyn Lake Anticline			
	Maple Mtn. Area, Timiskaming Dist.	GR 106		53, 54

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
8	Lady Evelyn Lake Deposit			
	Leo Twp. Timiskaming Dist.	GR 106		92
	Lady Evelyn Lake Fault			
	Maple Mtn. area, Timiskaming Dist.	GR 106		53, 55
	Leo Twp., Timiskaming Dist.			
	Copper	GR 106		100
	Geology of the Maple Mtn. area	GR 106		
	Sucker Gut Lake			
	Leo Twp. Timiskaming Dist.	GR 106		92, 100
	Sucker Gut Lake Deposit			
	Leo Twp., Timiskaming Dist.			
	mining property, report on	GR 106		100
	Willow Island Lake			
	Maple Mtn. area, Timiskaming Dist.	GR 106		51

* Out of Print

R.C.[1] - Report on the Royal Commission on the Mineral Resources of Ontario, 1890

N.O.[2] - Report of the Survey and Exploration of Northern Ontario, 1900

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K.D. et al	1971	Sudbury-Cobalt Sheet; Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury & Timiskaming Districts, Ontario	ODMNA Map 2188	1:253 440
Card, K.D., Lumbers, S.B.	1977	Sudbury-Cobalt, NTS 31L/W, 31M/SW, 41I, 41P/S, Sudbury, & AL 5 Districts, Ontario	OGS Map 2361	1:253 440
		GEOPHYSICAL MAPS		
	1956	Lady Evelyn Lake, aeromagnetic	GSC Map 281G	1:63 360
	1965	Lady Evelyn Lake, Ontario, NTS 41P/8	GSC Map 1504G	1:63 360
GSC-OGS	1979	Airborne gamma ray spectrometry maps & profiles, NTS 41P, Sudbury & 2 AL Districts, Ontario	OGS Maps 80372-80410	1:250 000
Gupta, V.K., Wadge, D.R.	1980	Bouger Gravity and Generalized Geological Map, Temagami-Englehart Area, Districts of Timiskaming, Nipissing & Sudbury	OGS Map P. 2296	1:100 000
	1981	Temiskaming-Kapuskasing Region Magnetic Anomaly Map	GSC Map 1563A	1:1 000 000
Gupta, V.K., Grant, F.S., Boud, A.	1981	A Gravity Study in North-Central Ontario, Districts of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	OGS MP 100	No. 26 pp. 160-164

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOPHYSICAL MAPS		
Gupta, V.K.	1982	Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in Summary of Field Work, 1982, edited by J. Wood et al, Ontario Geological Survey	OGS MP 106	No. 24 pp. 165-167
Mansinha, L., Wilkenson, D.A.	1983	Interpretation of Gravity Data from New Liskeard, Ontario; Ontario Geoscience Research Grant Program, Grant No. 109	OGS OFR 5440	
GSC	1984	Sudbury, Ontario and Quebec, IMW NL 16/17, Magnetic Anomaly Map	GSC Map NL 16/17-M	1:1 000 000
Gupta, V.K.	1985	Cobalt Embayment Interpretation: Depth to Basement and Distribution of Nipissing Diabase from Aeromagnetics; in Summary of Field Work, 1985, edited by John Wood, Owen L. White, R.B. Barlow and A.C. Colvine, Ontario Geological Survey	OGS MP 126	pp. 178-181
		Earth Physics Branch Gravity Map Series	EPB Maps No. 84 and No. 134	1:500 000
		Aeromagnetic Map	MNR Map 7076G	1:253 440
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
	1951	Maple Mountain, Ontario, topographic	NTS 41P/SE	1:126 720
	1976	Lady Evelyn Lake, Ontario, Topographic	NTS 41P/8	1:50 000
	1977	Sudbury, Ontario, topographic	NTS 41P	1:250 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Roed, M.A.	1979	Maple Mountain, NTS 41P/SE	NOEGTS 89 OGS Map 5023	1:100 000
	1982	Ontario Basic Map Sheets	MNR Maps 20 17 5500 52400 20 17 5600 52400 20 17 5500 52500 20 17 5600 52500	1:20 000
		Claim Map, Leo Township	MNR Map Plan No. M.532	1" = 40 ch.
		MINERAL POTENTIAL		
Springer, J.	1977	Ontario Mineral Potential, Gogama Sheet & Part of Ville-Marie Sheet, NTS 41P, 31M/W, Timiskaming & Sudbury Districts, Ontario	OGS Map P. 1514	1:250 000
		GEOLOGICAL REPORTS AND MAPS		
Barlow, A.E.	1899	Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing Ontario and of the County of Pontiac, Quebec	*GSC Annual Report, vol. X, pt. 1 *GSC Map 599	1:253 440

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Miller, W.G.	1906	The Cobalt-Nickel Arsenides and Silver Deposits of Temiskaming, Ontario	*OBM Annual Report, 1905, vol. 14, pt. 2	
Barlow, A.E.	1908	Second Edition of a Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario and of the County of Pontiac, Quebec	*GSC Separate Report 962	
Miller, W.G.	1908	The Cobalt-Nickel Arsenides and Silver Deposits of Temiskaming (3rd Edition), Other Temiskaming Cobalt Areas, part of Montreal River and Temagami Forest Reserve	*OBM Annual Report, 1907, vol. 16, pt. 2, ch. 3 OBM Map 16f	pp. 117-128 1:63 360
Collins, W.H	1910	The Florence Lake and Montreal River District, Ontario	*GSC Summary Report, 1909	pp. 168-172
Knight, C.W.	1913	The Cobalt-Nickel Arsenides and Silver Deposits of Temiskaming (4th Edition), The Outlying Cobalt-Silver Areas, Montreal River and Temagami Forest Reserve, Ontario	*OBM Annual Report, 1910, vol. 19, pt. 2, ch. 2	pp. 155-164
Collins, W.H.	1914	The Geology of the Gowganda Mining Division	*GSC Memoir 33 *GSC Map 64A	 1:63 360

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Burrows, A.G.	1922	Gowganda and Other Silver Areas, 1. Gowganda Silver Area (4th Report), Timiskaming District, Ontario	ODM Annual Report, 1921, vol. 30, pt. 3, ODM Map 30b	pp. 1-46 1:63 360
Todd, E.W.	1926	Anima-Nipissing Lake Area, Timiskaming and Nipissing Districts, Ontario	ODM Annual Report, 1926, vol. 35, pt. 3 ODM Map 35c	pp. 79-104 1:63 360
Donovan, J.F.	1965	Maple Mountain Sheet, Districts of Sudbury, Timiskaming and Nipissing, Ontario	ODM Map P. 301	1:126 720
Roscoe, S.M.	1969	Huronian Rocks and Uraniferous Conglomerates in the Canadian Shield	GSC Paper 68-40	205 p.
Card, K.D., McIlwaine, W.H., Meyn, H.D.	1970	Operation Maple Mountain, Districts of Timiskaming, Nipissing & Sudbury, Ontario	ODMNA OFR 5050 ODM Map P. 585	1:63 360
Card, K.D., McIlwaine, W.H., Meyn, H.D.	1973	Geology of the Maple Mountain Area, Timiskaming, Nipissing & Sudbury Districts, Ontario	ODM GR 106 ODM Map 2257	1:63 360
Wood, J.	1979	Regional Geology of the Cobalt Embyament, Districts of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1979, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 90	No. 18 pp. 79-81

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Wood, J.	1980	Regional Geology of the Cobalt Embayment, Districts of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1980, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 96	No. 14 pp. 61-62
Colvine, A.C.	1981	Reconnaissance of the Lorrain Formation, Northern Cobalt Embayment; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	OGS MP 100	No. 29 pp. 187-189
Donaldson, J.A. et al	1984	Grant No. 173, Sedimentary Rocks and Stratabound Mineralization in the Cobalt Region; in Geoscience Research Grant Program, in Summary of Research, 1983-1984, edited by V.G. Milne, Ontario Geological Survey	OGS MP 121	pp. 198-210
Hunter & Associates Ltd.	1984	Peat and Peatland Evaluation of the New Liskeard Area	OGS OFR 5486, volumes 1, 2, 3	
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
		No data available as of Februray 24, 1986		
		* Out of Print		

NOTES AND ADDENDA

The exploration data map shows only the most important minerals found at each site. All the minerals noted are listed in the mineral occurrences or the drill hole data.

On the maps, only areas for which work has been submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown. A few old patented claims are shown on the claim map in the northwest corner of the township, but no information about them is available.

No present or past producers.

The township was closed to staking in 1978 due to the Bear Island Indian Caution.

AIR PHOTOS - on file in Toronto

Only 1977 photos are available for viewing at the Public Service Centre, Rm. 1640, Whitney Block.

Photos can also be ordered from here for the years 1946, 1958 and 1970.

Year	Roll	Strip	Photo
1946	51	115	53-61
	51	116	46-54
	50	117	32-40
	60	118	80-88
	59	119	107-114
1958	19	4717	130-134
	18	4717	165-170
	19	4716	63-70
	19	4715	131-137
	19	4714	198-204
1970	30	4717	263-267
	41	4717	60-64
	30	4716	176-177
	41	4716	95-100
	17	4715	54-61
	6	4714	30-36
	3	4713	94-100
1977	3	4717	124-135
	3	4716	211-216
	4	4715	114-116
	4	4715	29-35
	74	4714	119-126

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ☐ Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ Airborne radiometric anomaly
- ☐ Ground magnetic anomaly
- ☐ Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- ☐ Ground radiometric anomaly
- ☐ Induced polarization anomaly
- ☐ Self potential anomaly
- ☐ Audio-frequency magnetic anomaly
  (total intensity)
- ☐ Resistivity anomaly
- ☐ Gravity anomaly

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

van NOSTRAND

RORKE

Cu Ni Co △B.

Cu △A.

47°23'30"

80°10'00"

80°15'00"

Lady

Sydney

Lake

Slade

Lake

Lady

Lake

Obisgo

Narrows

Lady

Sucker

Gut

Evelyn

Evelyn

van NOSTRAND

Lady

Sydney

Lake

Slade

Lake

Curr

L

47°23'30"

80°10'00"

Lady

Coog

L

Evelyn

Lake

Obisagg

Narrows

DANE

u

li

o

B.

Lady

Sucker

Cu A.

Gut

Evelyn

0°15'00"

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 329

(Map 1 of 1)

LEO TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☐ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☐ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized float with reference letter
- ■ Ag A. — Mineral occurrence, general location, with reference letter.

DRILLHOLE

- ☐ 2 — Location of single drillhole, with reference number
- ☐ 2 — Location of closely spaced group of drillholes, with reference number

GEOPHYSICAL ANOMALIES

- ☐ -AM- Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ -ARA- Airborne radiometric anomaly
- ☐ -M- Ground magnetic anomaly
- ☐ VL Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- ☐ -RA- Ground radiometric anomaly
- ☐ -IP- Induced polarization anomaly
- ☐ -SP- Self potential anomaly
- ☐ -AFMAG- Audio-frequency magnetic anomaly (total intensity)
- ☐ -R- Resistivity anomaly
- ☐ -GR- Gravity anomaly

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

RORKE

Cu Ni Co △B.

Cu △A.

Lady

Evelyn

Lake

Obisoja Narrows

Sucker

Gut

47°20'00"

80°15'00"

80°10'00"

MEDINA

GEOLOGICAL DATA INVENTORY FOLIO 329

(Map 1 of 1)

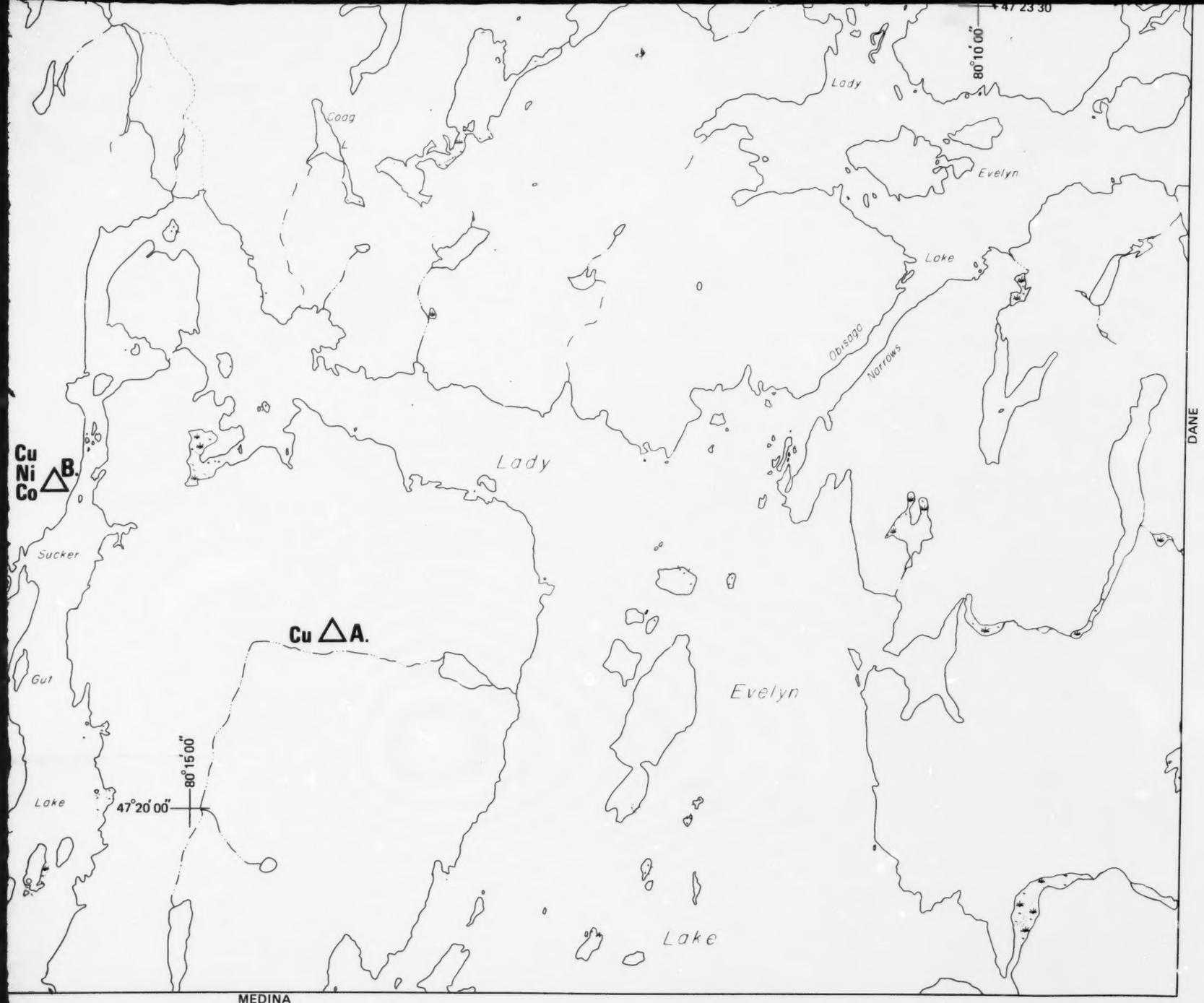
LEO TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☐ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☐ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized float with reference letter
- ■ Ag A. — Mineral occurrence, general location, with reference letter.

DRILLHOLE

- ☐ ●² — Location of single drillhole, with reference number
- ☐ ◉² — Location of closely spaced group of drillholes, with reference number
- ☐ ?² — Drillhole, exact location uncertain, with reference number
- ☐ — Property with underground drillholes in this general area, with reference number
- ☐ ○² — Property with drillholes which have not been plotted on map, with reference number
- ☐ ⊕² — Reverse circulation drillhole; churn drilling, with reference number